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Date: July 30, 1997

Page 1 of 1

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DATE CONSIDERED 9-14-98

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Form PTO-1449 (REV. 8-83)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

CSDL1-49UXX

SERIAL NO. 08/841,224

APPLICANT: Marc S. Weinberg, et al.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

FILING DATE: April 29, 1997 GROUP 2856

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Form PTO-1449 (REV. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. D. I NO. CSDL1-49UXX

SERIAL NO. 08/841,224

APPLICANT: Marc S. Weinberg, et al.

## INFORMATION DISCLOSURE CITATION

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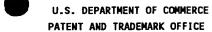
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Form PTO-1449 (REV. 8-83)



INFORMATION DISCLOSURE CITATION

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SERIAL NO. 08/841,224

APPLICANT:

Marc S. Weinberg, et al.

FILING DATE: April 29, 1997 GROUP 2856

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Form PTO-1449 (REV. 8-83)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

T NO. ATTY. D CSDL1-490XX

SERIAL NO. 08/841,224

APPLICANT:

Marc S. Weinberg, et al.

FILING DATE: April 29, 1997

GROUP: 285 6

### U.S. PATENT DOCUMENTS SUBCLASS FILING DATE IF **CLASS** DOCUMENT NUMBER DATE NAME **EXAMINER** APPROPRIATE\* INITIAD 7 9 11/87 264 29.6 0 Bernstein et al. 437 - --225 7 0 11/87 Murkami 6 74 84 R 7. 1. 2 4 3 9 12/87 North 73 2 9 517 R 4 -7.\ 3 4/88 Cole 6 6 7 8 5/88 310 316 7. **Puskas** 42 3 -2 73 505 7 8 5/88 Stewart 9 73 505 4 7 4 2 4 5/88 Stewart 5/88 Herzl 73 861.38 \$\P(7\chi\_{88}\psi) 3 4 73 510 5 0 6 Kawamura et al. 6 2 8/88 Chitty et al. 156 630 7 7 Q 2 4 10/88 156 647 Delapierre FOREIGN PATENT DOCUMENTS **SUBCLASS TRANSLATION** DOCUMENT NUMBER DATE COUNTRY CLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) Teknekron Sensor Development Corporation, article entitled "Micro-Vibratory Rate Sensor", 1080 Marsh Road, Menlo Park, CA 94025, 2 pages, undated. Bryzek, Janusz et al., "Micromachines on the March", IEEE Spectrum, May 1994, pgs. 20-31. IEEE Robotics & Automation Soc, in coop. w/ASME Dynamic Systems & Control Div., "Micro Electro Mechanical Systems, An Investigation of Mirco Structures, Sensors, Actuators, Machines and Systems", IEEE Cat. #93CH3265-6, Library of Congress #92-56273, Ft. Lauderdale, Fl. 2/7-10/93. **EXAMINER** K. MollER DATE CONSIDERED 9-14-98

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Marc S. Weinberg, et al.

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Form PTO-1449 (REV. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DET NO. CSDL1-490XX

SERIAL NO. 08/841,224

INFORMATION DISCLOSURE CITATION

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FILING DATE: April 29, 1997

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Page 7 of 10

Form PTO-1449 (REV. 8-83)

U.S. DEPARTMENT OF COMMERCE
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ATTY. DEST NO. CSDL1-490XX

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APPLICANT:

Marc S. Weinberg, et al.

FILING DATE: April 29, 1997 GROUP 2856

#### **U.S. PATENT DOCUMENTS** CLASS **SUBCLASS** FILING DATE IF DOCUMENT NUMBER DATE NAME **EXAMINER** APPROPRIATE\* INITIAL 4 9 0 9 1/90 73 517 AV 8 3 MacIver et al. **73** 505 8 -9 9 5 8 2/90 Staudte 4 9 0 0 9 7 1 2/90 Kawashima 310 361 2 71 5 357 9 -0 4/90 Kurashima 3 8 3 3/91 Kawashima 310 367 5 0 0 1 7 2 5/91 357 26 5 0 1 6 0 Greiff 5 6/91 361 283 5 n 2-3 6 Tang, et al. 6 4 5 2 8 9/93 Hulsing, II 73 505 2/8/91 5 ໌2 ` 8 7 8/93 73 517 AV 8/19/91 3 3 -Putty et al. 5 2 -2 ~ 6 3 2 7/93 Varnham et al. 73 505 5/17/91 5 2 5 1 7 4/93 73 517B 1/11/91 0 1 O'Brien et al. FOREIGN PATENT DOCUMENTS COUNTRY SUBCLASS TRANSLATION DOCUMENT NUMBER DATE **CLASS** YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED 9-14-98 F R. MollER **EXAMINER**

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Page 8 of 10

Form PTO-1449 (REV. 8-83)

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FILING DATE: April 29, 1997 1286

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EXAMINER INITIAL				DOCU	MENT A	NUMBER	t		DATE	NAME	CLASS	SUBCLASS	FILING D	ATE II
6		5	2	0	3	2	0	8	4/93	Bernstein	73	505	4/29/91	
,		5	2	1	6_	4	9	0	6/93	Greiff, et al.	73	517 R	8/3/90	
		4	9	0_	1	5	8	6	2/90	Blake et al.	73	862.59		
		5 .	0	3	8-	6	1	3	8/91	Takenaka et al.	73	510		_
		45	8	1	<b>`</b> 5	. 4	7	2	3/89	Wise et al.	128	675		
		4	8	8	1	4	1	0	11/89	Wise et al.	73	724		7
		5	0	5	5	×8	3	8	10/91	Wise et al.	340	870		
		5	0	1	3	3	9	6	5/91	Wise et al.	156	628		
1		4	3	4	2	2	2	7	8/82	Petersen et al.	73	510		
XL		4 -	6	2 ·	1	9	2	· 5	11/86	Masuda et al.	356	350		
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.